

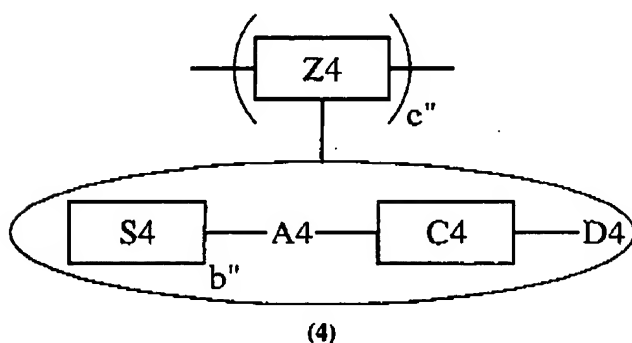
Application No. 10/828,973

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claims 1-9 (canceled).

10. (currently amended) A composition comprised of a liquid crystal and a compound having formula (4)



wherein:

D4 is an electron donor moiety which possesses a negative Hammett constant;

C4 is a conjugated bridging moiety which is one aromatic ring;

A4 is an electron acceptor moiety;

S4 is a liquid crystal compatibilizing moiety;

b'' is an integer;

Z4 is a polymerizable moiety; and

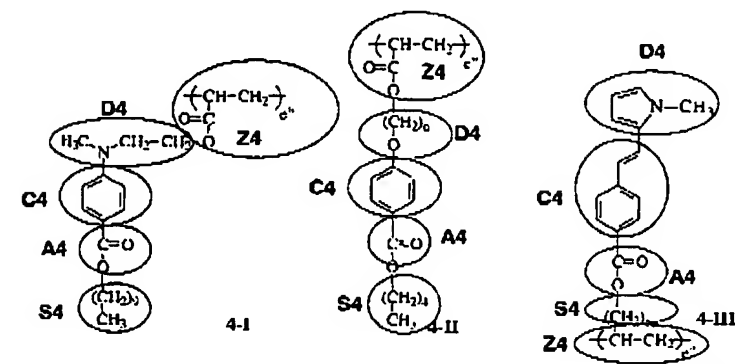
e'' is the degree of polymerization

wherein D4 is selected from the group consisting of:

- (a) an atom selected from the group consisting of N, O, S, and P where the valence of the atom is satisfied by bonding with C4 and optionally with Z4;
- (b) an atom selected from the group consisting of N, O, S, and P bonded to C4, and optionally with Z4, where the atom also is bonded to at least one other moiety to satisfy the valence of the atom;
- (c) ferrocenyl;
- (d) azulenyl; and
- (e) at least one aromatic heterocyclic ring

Application No. 10/828,973

wherein the compound of formula (4) is selected from the group consisting of 4-I and 4-II but excluding 4-III:



wherein S4, A4, C4, D4, and Z4 are indicated.

Claims 11-18 (canceled).